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Notice of Allowability

Application No.

10/621,989

Examiner

Mariceli Santiago

Applicant(s)

MURAKAMI ET AL.

Art Unit

2879

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed November 18, 2005.
2. ☒ The allowed claim(s) is/are 1-36.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Response to Amendment

The Amendment, filed on November 18, 2005, has been entered and acknowledged by the Examiner.

Claims 1-36 are pending in the instant application.

The translation of the foreign priority papers has been entered and made of record, accordingly, Applicant has overcome the outstanding rejection in accordance with 37 CFR 1.55.

Allowable Subject Matter

Claims 1-36 are allowed over the prior art of record.

The following is an examiner's statement of reasons for allowance:

Regarding claim 1, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 1, and specifically comprising the limitation of forming an insulating material for covering end portions, washing a surface of the anode with a porous sponge, performing a vacuum heating immediately before a layer containing an organic compound is formed, forming the layer containing an organic compound.

Regarding claims 2-6, claims 2-6 are allowable for the reasons given in claim 1 because of their dependency status from claim 1.

Regarding claim 7, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 7, and specifically comprising the limitation of forming an anode, washing a surface of the anode with a porous sponge, forming an insulating material for covering end portions of the anode, performing a vacuum heating immediately before a layer containing an organic compound is formed, forming the layer containing an organic compound.

Regarding claims 8-12, claims 8-12 are allowable for the reasons given in claim 7 because of their dependency status from claim 7.

Regarding claim 13, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 13, and specifically comprising the limitation of forming an anode, washing a surface of the anode with a porous sponge, forming an insulating material for covering end portions of the anode, washing the surface of the anode with a porous sponge, performing a vacuum heating immediately before a layer containing an organic compound is formed.

Regarding claims 14-18, claims 14-18 are allowable for the reasons given in claim 13 because of their dependency status from claim 13.

Regarding claim 19, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 19, and specifically comprising the limitation of forming an insulating material for covering end portions of the anode, washing a surface of the anode with a porous sponge, performing a vacuum heating immediately before a layer containing an organic compound is formed, forming the layer containing an organic compound.

Regarding claims 20-24, claims 20-24 are allowable for the reasons given in claim 19 because of their dependency status from claim 19.

Regarding claim 25, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 25, and specifically comprising the limitation of forming an insulating material for covering end portions of the anode, washing a surface of the anode with a porous sponge, forming a layer containing a first organic compound which is in contact with the anode by a coating method, performing a vacuum heating immediately before a layer containing a second organic compound is formed.

Regarding claims 26-30, claims 26-30 are allowable for the reasons given in claim 25 because of their dependency status from claim 25.

Regarding claim 31, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 31, and specifically comprising the limitation of forming an insulating material which covers an end part of the anode, washing a surface of the anode with a porous sponge, conducting a heating in an inactive atmosphere, performing a vacuum heating immediately before a layer containing an organic compound is formed.

Regarding claims 32 and 33, claims 32 and 33 are allowable for the reasons given in claim 31 because of their dependency status from claim 31.

Regarding claim 34, the references of the Prior Art of record fails to teach or suggest the combination of the limitations as set forth in claim 34, and specifically comprising the limitation of washing a surface of the anode with a porous sponge, conducting a heating in an inactive atmosphere, irradiating the anode with an ultraviolet light, performing a vacuum heating immediately before a layer containing an organic compound is formed.

Regarding claims 35 and 36, claims 35 and 36 are allowable for the reasons given in claim 34 because of their dependency status from claim 34.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

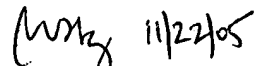
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Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mariceli Santiago whose telephone number is (571) 272-2464. The examiner can normally be reached on Monday-Friday from 9:30 AM to 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimesh Patel, can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Mariceli Santiago
Primary Examiner
Art Unit 2879